

## What is Claimed is:

- 1                   1.     An orally administered pharmaceutical composition  
2 comprising cyclosporine, ethanol, polyoxyethylene glycerol trioleate, and an oil  
3 component.
- 1                   2.     The pharmaceutical composition of claim 1, wherein said  
2 cyclosporine is cyclosporine A.
- 1                   3.     The pharmaceutical composition of claim 1, wherein said  
2 cyclosporine is present at a concentration from about 5 to about 20% by weight.
- 1                   4.     The pharmaceutical composition of claim 3, wherein said  
2 cyclosporine is present at a concentration from about 8 to about 12% by weight.
- 1                   5.     The pharmaceutical composition of claim 3, wherein said  
2 cyclosporine is present at a concentration of 10% by weight.
- 1                   6.     The pharmaceutical composition of claim 1, wherein said oil  
2 component is ethyl oleate.
- 1                   7.     The pharmaceutical composition of claim 1, wherein said  
2 ethanol is present at about 15 to about 40 v/v%.
- 1                   8.     The pharmaceutical composition of claim 7, wherein said  
2 ethanol is present at about 15 to about 25 v/v%.
- 1                   9.     The pharmaceutical composition of claim 7, wherein said  
2 ethanol is present at 20 v/v%.
- 1                   10.    The pharmaceutical composition of claim 1, wherein said  
2 polyoxyethylene glycerol trioleate is present at about 20 to about 50 v/v%.

1                   11.    The pharmaceutical composition of claim 1, wherein said oil  
2    component is present at about 40 to about 65 v/v%.

1                   12.    The pharmaceutical composition of claim 11, wherein said oil  
2    component is present at about 55 to about 65 v/v%.

1                   13.    The pharmaceutical composition of claim 11, wherein said oil  
2    component is present at 60 v/v%.

1                   14.    An orally administered pharmaceutical composition  
2    comprising cyclosporine, ethanol, polyoxyethylene glycerol trioleate and ethyl  
3    oleate in a weight ratio of cyclosporine, pure ethanol, polyoxyethylene glycerol  
4    trioleate and ethyl oleate of about 5:18:25.9:50.1 to about 15:16:23.1:44.9.

1                   15.    The pharmaceutical composition of claim 14, wherein the  
2    weight ratio of cyclosporine, pure ethanol, polyoxyethylene glycerol trioleate and  
3    ethyl oleate is 10:17.1:24.5:47.5.

1                   16.    The pharmaceutical composition of claim 15, wherein said  
2    composition upon dilution with an aqueous media at a ratio of 1 part composition to  
3    100 parts aqueous media forms a spontaneous emulsion.

1                   17.    The pharmaceutical composition of claim 16, wherein said  
2    spontaneous emulsion comprises particles having a diameter of 50 to 185 nm.

1                   18.    A method of preparing an orally administered pharmaceutical  
2    composition comprising the steps of:

3                               dissolving cyclosporine in ethanol to form a solution;

4                               combining polyoxyethylene glycerol trioleate and an oil  
5                               component with the solution to form a mixture; and

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6 diluting the mixture with an aqueous media to allow formation  
7 of a spontaneous emulsion.

1 19. The method of claim 18, further comprising the step of gently  
2 mixing the diluted mixture to disperse the emulsion.

1 20. The method of claim 18, wherein the step of diluting further  
2 comprises diluting 1 part of the mixture with 100 parts of aqueous media.

1 21. The method of claim 18, wherein said oil component is ethyl  
2 oleate.

1 22. The method of claim 18, wherein said cyclosporine is  
2 cyclosporine A.

1 23. The method of claim 18, wherein the cyclosporine is present at  
2 a concentration of 10% by weight

1 24. The method of claim 18, wherein said ethanol is present at  
2 about 15 to about 40 v/v%.

1 25. The method of claim 18, wherein said polyoxyethylene  
2 glycerol trioleate is present at about 20 to about 50 v/v%.

1 26. The method of claim 18, wherein said oil component is present  
2 at about 40 to about 65 v/v%.

1 27. The method of claim 18, wherein said composition comprises  
2 cyclosporine, ethanol, polyoxyethylene glycerol trioleate and ethyl oleate in a  
3 weight ratio of cyclosporine, pure ethanol, polyoxyethylene glycerol trioleate and  
4 ethyl oleate of 10:17.1:24.5:47.5.

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1                   28.    The method of claim 27, wherein said spontaneous emulsion  
2   comprises particles having a diameter of 50 to 185 nm.

1                   29.    The method of claim 28, wherein said spontaneous emulsion  
2   comprises particles having a diameter of 50 to 150 nm.

1                   30.    The method of claim 17, wherein said spontaneous emulsion  
2   comprises particles having a diameter of 50 to 150 nm.

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